

**General Purpose
Epoxy**

Key Feature

| | |
|-------------------------------|---|
| Bonds Well to Most Substrates | Metals, glass, ceramics and most plastics |
| Free Flowing | Material wicks easily into tight spaces |
| Long Pot Life | |
| Long Work Life | |
| Low Viscosity | |
| User-friendly Packaging | |

Uncured

| | | |
|-----------------|-----|-------------------------------------|
| Pot Life (hrs) | >2 | |
| Viscosity (cps) | 725 | @ 25° C and 75.0(sec) ⁻¹ |
| Work Life (hrs) | >4 | |

Recommended Cure

2 hrs. @ 80° C

Other Cure

4 days @ 25° C
4 hrs. @ 65° C

Cured

| | |
|--------------------------------------|--------|
| % Shrinkage Linear | 0.2 |
| Color | Black |
| Lap Shear 2024T3 Clad FPL Etch (psi) | 3,300 |
| Shore Hardness | D/83/0 |

Electrical

| | | |
|-----------------------------|-----------|---------|
| Dielectric Constant | 3.062 | 400 Hz |
| Dielectric Constant | 2.976 | 10K Hz |
| Dielectric Constant | 3.013 | 60 Hz |
| Dielectric Constant | 2.846 | 100K Hz |
| Dielectric Constant | 3.052 | 1K Hz |
| Dissipation Factor | 0.0061 | 60 Hz |
| Dissipation Factor | 0.0085 | 400 Hz |
| Dissipation Factor | 0.0118 | 1K Hz |
| Dissipation Factor | 0.0159 | 10k Hz |
| Dissipation Factor | 0.0382 | 100K Hz |
| Volume Resistivity (ohm*cm) | 1.7E + 16 | |

Thermal

| | |
|----------------------------|------|
| Degradation Temp (°C) | >250 |
| Glass Transition Temp (°C) | 85 |

Shelf Life

| | | |
|-------------------|----|-------------|
| Months @ < 25° C | 12 | 2-part kits |
| Months @ < -40° C | 12 | Cryo-pac |

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